	Application No.	Applicant(s)
Notice of Allowability	10/732,744	MCKIBBEN ET AL.
	Examiner	Art Unit	
	DIANE D. MIZRAHI	2165	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *8-15-06*.

2. ☒ The allowed claim(s) is/are *18-26,28,29,31-41,45-49,51-57 and 59*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None of the:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

      1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application (PTO-152)

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date *8-15-06* .

7. ☒ Examiner's Amendment/Comment

8. ☐ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

DIANE D. MIZRAHI
PRIMARY EXAMINER

Claims 18-26, 28, 29, 31-41, 45-49, 51-57 and 59 are currently pending. Claims 1-17, 27, 30, 42-44, 50 and 58 have been cancelled.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Attorney Eric D. Jorgenson on August 15, 2006.

The application has been amended as follows:

Amendment to the Specification:

Delete paragraph (page 28) lines 1-9.

Amendment to the Claims:

Claims 1-17 (Cancelled)

18. (Currently Amended) A computer-implemented network-based system that facilitates management of data, comprising:

a computer-implemented context component of the network-based system for capturing context information associated with user-defined data created by user interaction of a user in a first context of the network-based system, the context component dynamically storing the context information in metadata associated with the user-defined data, the user-defined data and metadata stored on a storage component of the network-based system; and

a computer-implemented tracking component of the network-based system for tracking a change of the user from the first context to a second context of the network-based system and dynamically ~~automatically~~ updating the stored metadata based on the change, wherein the user accesses the data from the second context.

19. (Previously presented) The system of claim 18, the context component is associated with a workspace, which is a collection of data and application functionality related to the user-defined data.

20. (Previously Presented) The system of claim 18, the context component is associated with a web, which web is a collection of interrelated workspaces, the web maintains a location of data of the respective interrelated workspaces when

one or more of the interrelated workspaces are moved into a
different workspace interrelationship.

21. (Previously Presented)   The system of claim 18, the
context information includes a relationship between the user and
at least one of an application, application data, and user
environment.

22. (Previously Presented)   The system of claim 18, the
context component captures context information of the first
context and context information related to at least one other
context.

23. (Previously Presented)   The system of claim 22, the
context information of the at least one other context is at
least one of stipulated by the user and suggested automatically
by the system based upon search and association criteria set by
the user.

24. (Previously Presented)   The system of claim 18,
wherein data created in the first context is associated with
data created in the second context.

25. (Previously presented)   The system of claim 18, the
context information is tagged to the user-defined data via the
metadata when the user-defined data is created.

26. (Currently Amended) A computer-implemented method of managing data, comprising computer-executable acts of:

creating data within a user environment of a web-based computing platform via user interaction with the user environment by a user using an application, the data in the form of at least files and documents;

dynamically associating metadata with the data, the data and metadata stored on a storage component of the web-based computing platform, the metadata includes information related to the user, the data, the application, and the user environment;

tracking movement of the user from the user environment of the web-based computing platform to a second user environment of the web-based computing platform; and

dynamically updating the stored metadata with an association of the data, the application, and the second user environment wherein at least one of the data and the application with the second user environment such that the user employs the at least one of the application and the data from the second environment.

27. (Canceled)

28. (Original) The method of claim 26, further comprising capturing context information of the user.

29. (Previously Presented)   The method of claim 26, further comprising indexing content of the user environment such that a plurality of users can access the content from an associated plurality of user environments.

30. (Canceled)

31. (Original) The method of claim 26, the least one of the data and the application is associated automatically with the second user environment.

32. (Previously Presented)   The method of claim 26, further comprising accessing the user environment and the second user environment using a browser.

33. (Original) The method of claim 26, further comprising communicating with the user environment using a TCP/IP communication protocol.

34. (Original) The method of claim 26, further comprising locating the user environment from a remote location using a URL address.

35. (Original) The method of claim 26, further comprising accessing the user environment via a portable wireless device.

36. (Currently Amended) A computer-implemented method of managing data, comprising computer-executable acts of:

generating a plurality of user environments in a web-based system;

ordering two or more of the plurality of user environments according to different arrangements of the user environments;

providing a plurality of applications for generating and processing data in the user environments, ~~the~~ data of a user environment is <u>dynamically</u> associated with the user environment in metadata that corresponds to the data;

<u>creating an association of the data with a second user environment when the data is accessed from the second user environment;</u>

<u>dynamically storing the association of the data and the second user environment in the metadata;</u>

storing in a storage component ordering information related to the ordering of the two or more of the plurality of user environments; and

traversing the different arrangements of the user environments with one or more of the applications based on the ordering information to locate the data associated <u>with the user environments</u> ~~therewith~~.

37. (Previously presented)   The method of claim 36, the act of traversing is performed using a webslice that includes traversal information for locating the data associated with a given user environment.

38. (Original) The method of claim 37, the traversal information includes at least a collection ID, a user environment ID, and a routing path to the location of the environment data.

39. (Previously presented)   The method of claim 36, the different arrangements, user environments, and associated data carry both hierarchical and non-hierarchical associations simultaneously within the plurality of applications.

40. (Previously presented)   A computer-readable medium
for storing computer-executable instructions for a method of
managing data, the method comprising:

creating data related to user interaction of a user
within a user workspace of a web-based computing platform using
an application;

dynamically associating metadata with the data, the
data and metadata stored on the web-based computing platform,
the metadata includes information related to the user of the
user workspace, to the data, to the application and to the user
workspace;

tracking movement of the user from the user workspace
to a second user workspace of the web-based computing platform;

dynamically associating the data and the application
with the second user workspace in the metadata such that the
user employs the application and data from the second user
workspace; and

indexing the data created in the user workspace such
that a plurality of different users can access the data via the
metadata from a corresponding plurality of different user
workspaces.

41. (Currently Amended) A computer-implemented system that facilitates management of data, comprising:

computer-implemented means for creating data by interaction of a user within a user workspace of a server using an application;

computer-implemented means for associating metadata with the data, the metadata stored in association with the data on storage means of the server, the metadata includes information related to a user of the user workspace, to the data, to the application and to the user workspace;

computer-implemented means for tracking movement of the user from the user workspace to a second user workspace of the server; and

computer-implemented means for dynamically associating the data and the application with the second user workspace in the metadata such that the user can employ the application and data from the second user workspace.

Claims 42-44 (Cancelled)

45. (Currently Amended) A computer-implemented system that
facilitates management of data, comprising:

a computer-implemented context component of a web-
based server for defining a first user workspace of the web-
based server, assigning one or more applications to the first
user workspace, capturing context data associated with user
interaction of a user while in the first user workspace, and for
dynamically storing the context data as metadata on a storage
component of the web-based server, which metadata is dynamically
associated with data created in the first user workspace; and

a computer-implemented tracking component of the web-
based server for tracking change information associated with a
change in access of the user from the first user workspace to a
second user workspace, and dynamically storing the change
information on the storage component as part of the metadata,
wherein the user accesses the data from the second user
workspace.

46. (Previously Presented)   The system of claim 45,
wherein the tracking component automatically creates the
metadata when the user accesses the first user workspace.

47. (Previously Presented)   The system of claim 45,
wherein the context component captures relationship data
associated with a relationship between the first user workspace
and at least one other user workspace.

48. (Previously Presented)   The system of claim 45, wherein an application associated with the first user workspace is automatically accessible via the second user workspace when the user moves from the first user workspace to the second user workspace.

49. (Previously Presented)   The system of claim 45, wherein context data relating to an item of communication is automatically stored and used in performance of communication tasks.

50. (Canceled)

51. (Previously Presented)   The system of claim 45, wherein the context component captures data and application functionality related to a user-defined topic of the first user workspace, and includes the data and application functionality in the metadata.

52. (Currently Amended) The system of claim 45, wherein when the data created in the first user workspace is accessed from [[a]] the second user workspace, in response to which the context component adds information to the metadata about the second user workspace.

53. (Previously Presented)   The system of claim 45,
wherein the first user workspace is associated with a plurality
of different applications, the plurality of different
applications comprising telephony, unified messaging, decision
support, document management, portals, chat, collaboration,
search, vote, relationship management, calendar, personal
information management, profiling, directory management,
executive information systems, dashboards, cockpits, tasking,
meeting and, web and video conferencing.

54. (Previously presented)   The system of claim 45,
wherein the storage component stores the data and the metadata
according to at least one of a relational and an object storage
methodology.

55. (Previously presented)   The system of claim 45,
wherein storing of the metadata in the storage component in
association with data facilitates many-to-many functionality of
the data via the metadata.

56. (Previously Presented)   The system of claim 45,
wherein the first user workspace provides access to at least one
communications tool, which includes e-mail, voicemail, fax,
teleconferencing, instant message, chat, contacts, calendar,
task, notes, news, ideas, vote, web and video conferencing, and
document sharing functionality.

57. (Previously Presented)   The system of claim 45,
wherein one or more applications include file storage pointers
that are dynamic and associated with the first user workspace.

58. (Canceled)

59. (Previously Presented)   The system of claim 45, wherein the context component facilitates encryption of the data generated in the first user workspace.

Comments

The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. In no case may an applicant reply outside the SIX (6) MONTH statutory period or obtain an extension for more than FIVE (5) MONTHS beyond the date for reply set forth in an Office action. A fully responsive reply must be timely filed to avoid abandonment of this application.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

As allowable subject matter has been indicated, Applicant's response must either comply with all formal requirements or specifically traverse each requirement not complied with. See 37 CRF 1.111(b) and MPEP section 707.07(a).

Allowable Subject Matter

Claims 18-26, 28, 29, 31-41, 45-49, 51-57 and 59 are allowed over the prior art made of record.

Other Prior Art Made of Record

The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure. U.S. patents and U.S. patent application publications will not be supplied with Office actions. Examiners advises the Applicant that the cited U.S. patents and patent application publications are available for download via the Office's PAIR. As an alternate source, all U.S. patents and patent application publications are available on the USPTO web site (www.uspto.gov), from the Office of Public Records and from commercial sources. For the use of the Office's PAIR system, Applicants may refer to the Electronic Business Center (EBC) at http://www.uspto.gov/ebc/index.html or 1-866-217-9197.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Diane D. Mizrahi whose telephone number is 571-272-4079. The examiner can normally be reached on Monday-Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jeffrey Gaffin can be reached on (571) 272-4146. The fax phone numbers for the organization where this application or proceeding is assigned

are (703) 872-9306 for regular communications and (703) 305-3900

for After Final communications.

Any inquiry of a general nature or relating to the status

of this application or proceeding should be directed to the

receptionist whose telephone number is (703) 305-3900.

Diane Mizrahi
Primary Patent Examiner
Technology Center 2100

August 15, 2006